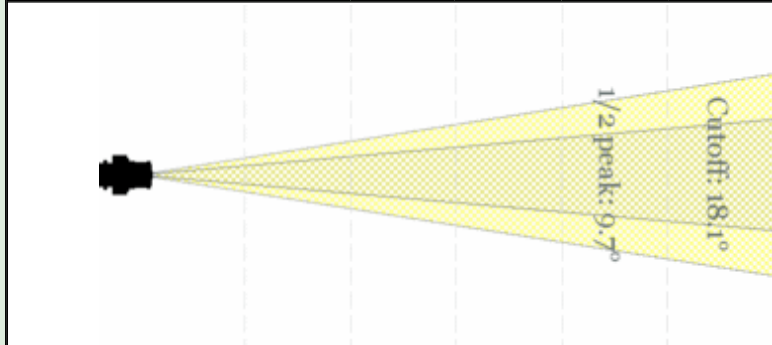


Standard Lens (18.1°)

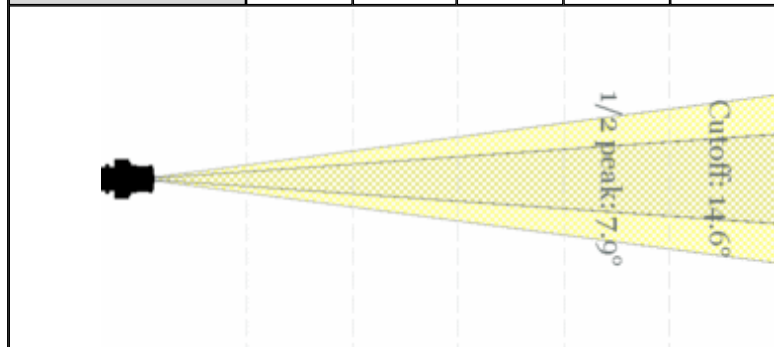
Distance (ft.)	10	20	30	39	49
Cutoff	3.2	6.4	9.6	12.4	15.6
1/2 peak	1.7	3.4	5.1	6.6	8.3
Illuminance (fc)	1630	408	181	107	68



Efficiency
28%
Half-peak diameter
0.17 X distance(ft)
Cutoff diameter
0.32 X distance(ft)
Illuminance
$163000 / \text{distance}^2$ (fc)
Total Output
5000 (lumens)

Narrow Lens (14.6°)

Distance (ft.)	10	20	30	39	49
Cutoff	2.6	5.1	7.7	10.0	12.6
1/2 peak	1.4	2.8	4.1	5.4	6.8
Illuminance (fc)	2050	512	228	135	85



Efficiency
22%
Half-peak diameter
0.14 X distance(ft)
Cutoff diameter
0.26 X distance(ft)
Illuminance
$205000 / \text{distance}^2$ (fc)
Total Output
4000 (lumens)